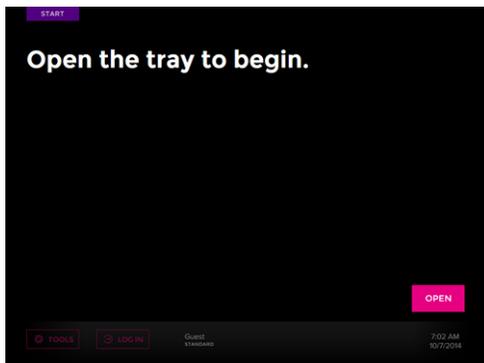


Juno System Usage

NOTE For complete safety information and operating procedures, refer to the Juno System User Guide (PN 100-7070).

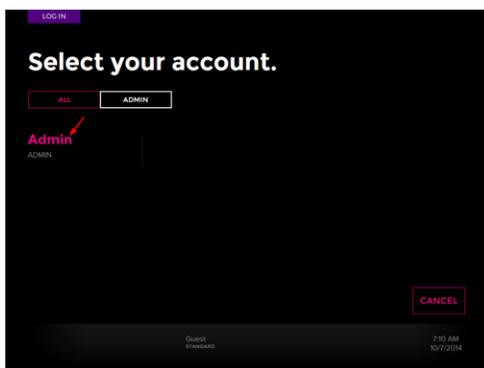
Start the Instrument

On the back of the instrument, turn the power switch ON. At power up and instrument initialization, the Start screen displays:



(Optional) Log In

Log in as **Admin** or with a specific user account:



Switch an Interface Plate

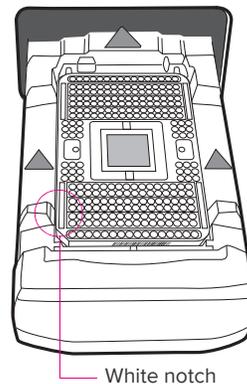
If the correct interface plate is already installed, proceed to “Load an IFC.”

- 1 On the Start screen, tap **TOOLS**.
- 2 On the Tools screen, tap **Interface Plate**.
- 3 Tap **SWITCH INTERFACE PLATE**. The instrument ejects the interface plate.
- 4 Remove the ejected interface plate from the tray, then clean the ejected interface plate. (See “Clean the Interface Plate” on page 2.) Store it in the Interface Plate Storage Container.
- 5 Insert an Interface Plate Loading Fixture in the tray in the direction of the arrows with “THIS SIDE UP” facing up. Barcode numbers on the fixture label face out.

- 6 Select the correct interface plate according to IFC.
- 7 Ensure the interface plate is clean. (See “Clean the Interface Plate” on page 2.)
- 8 Seat the desired interface plate securely on top of the loading fixture. Insert the interface plate in the direction of the arrows with “THIS SIDE UP” facing up.
- 9 Tap **INSTALL**. After the instrument installs the interface plate, it ejects the fixture. Store the fixture in the Interface Plate Storage Container.
- 10 Remove the loading fixture, then tap **CLOSE**.

Load an IFC

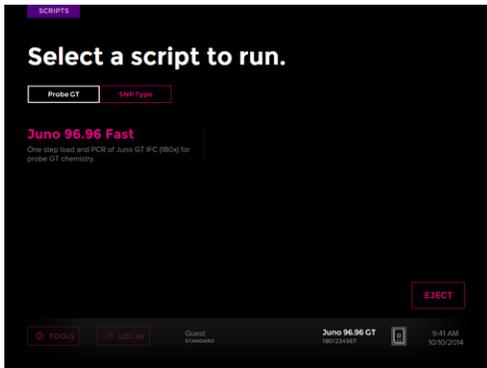
- 1 Tap **OPEN**.
- 2 Place the IFC onto the tray by aligning the notched corner to the white notch. In this position, barcode numbers on the IFC label face out:



- 3 Tap **LOAD**. The Juno system displays the IFC barcode at the right side of the screen. If you get a barcode error message, first check the IFC positioning and direction. You may also enter the barcode manually through the error message screen. Contact technical support if the problem persists.

Run a Script

- 1 Tap the appropriate script to run from the Scripts screen. The available scripts are defined by the IFC barcodes:

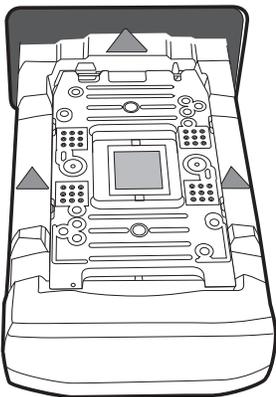


- 2 Tap **RUN**. A status screen appears with a time estimate for completion.
- 3 After the script is complete, as displayed on the status screen, tap **EJECT** to remove the IFC. (During an active script, tapping **ABORT** will cancel the IFC run.)
- 4 Tap **CLOSE** to close the tray.

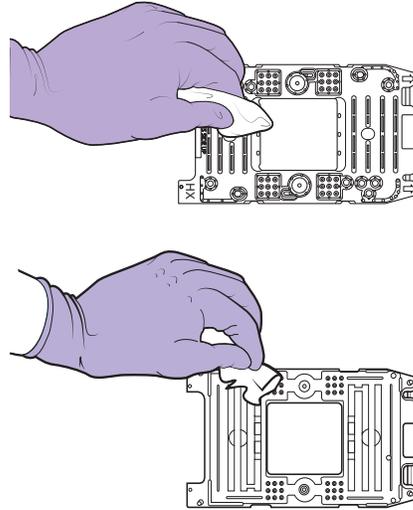
Clean the Interface Plate

Fluidigm recommends cleaning the interface plate every time you switch interface plates in the instrument and before you store it in the Interface Plate Storage Container.

- 1 On the Start screen, tap **TOOLS**.
- 2 On the Tools screen, tap **Interface Plate**.
- 3 Tap **CLEAN INTERFACE PLATE**. The instrument ejects the interface plate.
- 4 Remove the interface plate from the tray:



- 5 Use a lint-free cloth and 70% ethanol or 70% isopropyl alcohol to gently wipe the bottom and top of the interface plate to remove any debris:



- 6 Insert the Interface Plate Loading Fixture on the tray in the direction of the arrows with "THIS SIDE UP" facing up. Barcode numbers on the fixture label face out.
- 7 Seat the cleaned interface plate securely on top of the fixture. Insert the interface plate in the direction of the arrows with "THIS SIDE UP" facing up.
- 8 Tap **INSTALL**. After the instrument installs the interface plate, it ejects the loading fixture.
- 9 Remove the loading fixture, then tap **CLOSE**.

For technical support visit fluidigm.com/support

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